

**ABSTRACT**

An electronic device and method are provided to enable the management of shared code. Code may be shared if the environmental configuration is suitable for execution of the code and the functionality of the code matches. An identifier is provided to correspond to the functionality for a unit of code. Examples of identifiers can include file names, function names, macro names and class names. A checksum may also be used to identify the functionality of the unit of code. An organizational structure is configured to have constituents corresponding to environmental configurations suitable to execute the unit of code. Examples of the organizational structure include a directory structure or a class structure. The various units of code may be stored in the organizational structure and located by the constituent in which they are located and their functionality determined by the identifier to enable sharing.